

WHAT IS CLAIMED IS:

1. A data receiving apparatus, comprising:
receiving means for receiving a television
broadcast signal of a broadcast program;
5 input means for inputting program information
about a broadcast program received by an external
receiving apparatus; and
profile generation means for generating a user
profile based on a history of a broadcast program
10 received by said receiving means and the program
information input by said input means.
2. The apparatus according to claim 1, further
comprising
15 searching means for searching for a program in
the television broadcast signal received by said
receiving means based on the user profile.
3. The apparatus according to claim 2, further
20 comprising:
picture generation means for generating a
guidance picture based on a search result of said
searching means; and
display control means for outputting image data
25 of the guidance picture generated by said picture
generation means to a display device.

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4. The apparatus according to claim 1, wherein
said profile generation means detects a view
time of a program associated with the program
information based on the program information input by
5 said input means, and generates said user profile
based on the detected view time.

5. The apparatus according to claim 4, wherein
said profile generation means generates a user
10 profile based on said program information when said
view time is longer than a predetermined time.

6. The apparatus according to claim 1, wherein
said input means further inputs information
15 indicating power-off of said external receiving
apparatus, and

wherein said profile generation means further
generates said user profile based on the information
indicating said power-off and the input program
20 information.

7. The apparatus according to claim 1, wherein
said external receiving apparatus can record
and reproduce data of a received broadcast program on
25 and from a storage medium, and

wherein said input means further input program
information of data reproduced from said storage

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medium.

8. The apparatus according to claim 1, wherein
said external receiving apparatus can further
5 book recording a received broadcast program, and
wherein said input means further inputs program
information of said program for which recording is
booked in the external apparatus.

10 9. The apparatus according to claim 8, wherein
said profile generation means varies a weight
to the user profile between said program information
of a program received by the external receiving
apparatus and program information of said program for
15 which recording is booked.

10. The apparatus according to claim 8, wherein
said input means further inputs recording end
information of the booked program, and
20 wherein said profile generation means varies a
weight to the user profile between said program
information of a program relating to the recording
end information and program information of a program
received by the external receiving apparatus.

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11. The apparatus according to claim 1, wherein
said external receiving apparatus can record data

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relating to a received broadcast program on a storage medium, and

wherein said input means further inputs program information of said stored data into the storage medium.

12. A data receiving apparatus, comprising:
receiving means for receiving a television broadcast signal of a broadcast program;
10 input means for inputting program information of a broadcast program received by an external receiving apparatus; and
profile generation means for generating a user profile based on program information input through
15 said input means.

13. A data receiving apparatus, comprising:
receiving means for receiving a television broadcast signal of a broadcast program; and
20 output means for outputting program information of a broadcast program received from said receiving means to an external receiving apparatus, wherein
said external receiving apparatus inputs said program information and generates a user profile
25 based on said program information.

14. The apparatus according to claim 13,

wherein said output means outputs said program information to said external receiving apparatus in response to a change of a broadcast program received by said receiving means.

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15. The apparatus according to claim 13, wherein said output means outputs said program information in response to power-on of said receiving apparatus.

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16. The apparatus according to claim 13, wherein said output means further outputs reception end information in response to power-off of said receiving apparatus to said external receiving

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apparatus, and wherein said external receiving apparatus further generates the user profile based on the reception end information.

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17. The apparatus according to claim 1, further comprising:

recording and reproduction means for recording and reproducing data relating to a broadcast program received by said receiving means on and from a

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storage medium, wherein said output means outputs program information of data reproduced from said storage medium.

18. The apparatus according to claim 17,
wherein said recording and reproduction means can
further book data of said broadcast program to be
recorded on said storage medium, and

5 wherein said output means outputs program
information of said program booked for recording.

19. A method for receiving a television
broadcast signal by a receiving apparatus,
10 comprising:

 a receiving step of receiving a television
broadcast signal of a broadcast program;

 an input step of inputting program information
of a broadcast program received by an external
15 receiving apparatus; and

 a profile generating step of generating a user
profile based on a history of a broadcast program
received in said receiving step and the program
information input in said input step.

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20. The method according to claim 19, further
comprising:

 a searching step of searching for a program in
the television broadcast signal received in said
25 receiving step based on said user profile.

21. The method according to claim 20, further

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25. The method according to claim 19, wherein said external receiving apparatus can record and reproduce data of a received broadcast program on and from a storage medium, and

5 wherein said input step includes a step of inputting program information of data reproduced from said storage medium.

26. The method according to claim 19, wherein
10 said external receiving apparatus can further book recording a received broadcast program, and

 wherein said input step includes a step of inputting program information of a program for which recording is booked in said external apparatus.

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27. The method according to claim 26, wherein said profile generating step varies a weight to the user profile between said program information of a program received by said external receiving apparatus
20 and said program information of a program for which recording is booked.

28. The method according to claim 26, wherein said input step further inputs recording end
25 information of the booked program, and

 wherein said profile generating step varies a weight to said user profile between said program

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information of a program relating to the recording end information and said program information of a program received by the external receiving apparatus.

5 29. The method according to claim 19, wherein said external receiving apparatus can record data relating to a received broadcast program on a storage medium, and

10 wherein said input step includes a step of inputting program information of stored data into the storage medium.

15 30. A storage medium storing a program for realizing the method according to claim 19 using a computer.

31. A method for receiving a television broadcast signal by a data receiving apparatus, comprising:

20 a receiving step of receiving a television broadcast signal of a broadcast program;

 an input step of inputting program information of a broadcast program received by an external receiving apparatus; and

25 a profile generating step of generating a user profile information according to said input program information.

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32. A storage medium storing a program for realizing the method according to claim 31 using a computer.

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